

1     WHAT IS CLAIMED:

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3       1. A MRI gradient coil set, said coil set comprising:  
4           a uniplanar Z-gradient coil;  
5           a biplanar X-gradient coil; and  
6           a biplanar Y-gradient coil, said coil set providing an open Z-axis face.

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8       2. A coil set according to claim 1, wherein at least one of said coils is a shielded coil.

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10      3. A coil set according to claim 1, wherein said biplanar coils include shoulder reliefs.

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12      4. A coil set according to claim 1, wherein at least one of said coils is a phased array  
13 coil.

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15      5. A coil set according to claim 1, further comprising a radio frequency coil integrated  
16 therewith.

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18      6. A coil set according to claim 1, wherein said coils are conjoined.

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